From owner-qrp-l@netcom.com Sat May 13 19:16:18 1995
From: CLATON.CADMUS@hamlink.mn.org (CLATON CADMUS)
Date: Sat, 13 May 1995 13:20:00
Message-Id: <800366571.AA01736@hamlink.mn.org>
Subject: "HOTEL PORTABLE" POWER SU

Hello to Jeff and the group. Jeff wrote below:

JS>Greetings QRP folks,
  >   Any thoughts on the best 12-14 volt power supply for QRP work? I'm
  >traveling a lot by plane these days and want to take my ARK 4 along to
  >work from the hotel room. I use a gel-cell at home, but would rather
  >avoid batteries for this, as getting them around in the airport is a
  >hassle at best. So, what's a good, well-filtered, reasonably light power
  >supply that's good for an amp or so at 12v?

I would suggest a wall transformer type. Hosfelt Electronics has quite
a few available.   There number 56-281 12VDC @ 1.5 amps for $7.95. You
might consider installing power supply components in you ARK 4 so you
can use an AC wall transformer. The resulting DC voltage would probably
be more stable, DC wall supplies are often not regulated well.

Hosfelt Electronics has a great catalog for the home brewer. Call
1-800-524-6464 and ask for one.

Jeff, hope this helps.

73 de Claton Cadmus, KA0GKC

  | FIDOnet= Claton Cadmus 1:282./100 |
  | INTERnet= Claton.Cadmus@hamlink.mn.org |
  | PACKETnet= KA0GKC@WB0GDB.#STP.MN.USA.NA |
   ----

 * SLMR 2.1a * I've Soldered! But I didn't Inhale!

---NoSnail v1.17

****
HAM>link< RBBS - Serving the Amateur Radio Community Since 1983

- 612/HAM-0000 v.34   Ham Radio Spoken Here!!
- 612/HAM-1010 v.32b   Reply to sender @ hamlink.mn.org
****

From owner-qrp-l@netcom.com Sun May 14 01:50:20 1995

Date: Sat, 13 May 1995 15:50:20 -1000 (HST)
From: Jeffrey Herman <jeffrey@math.hawaii.edu>
Subject: Re: "HOTEL PORTABLE" POWER SU
Message-Id: <Pine.SUN.3.91.950513153338.14750A-100000@kahuna>

>>Any thoughts on the best 12-14 volt power supply for QRP work?

>I would suggest a wall transformer type.

Why not just build one? Being a ham used to be synonymous with constructing those items within our ability that we needed for our station. Certainly a 13.8 VDC power supply should be something we're all capable of throwing together!

For example, see DeMaw's QRP NOTEBOOK for a simple regulated ps.

73 from Hawaii,
Jeff NH6IL

From owner-qrp-l@netcom.com Sun May 14 04:55:34 1995
Date: Sat, 13 May 95 21:55:34 PDT
From: dh@deneb.csustan.edu (Doug Hendricks)
Message-Id: <9505140455.AA22706@deneb.csustan.edu>
Subject: 7.040 MHz Crystals

Guys, I found a source of 7.040 crystals today, and I bought a supply. They are in the HC49 holder, with wire leads. If you would like one, they are $3 each postpaid. If you want to talk quantity, how about 4 for $10? Send your order to me:

Doug Hendricks, KI6DS
862 Frank Ave.
Dos Palos, CA 93620

Checks and money orders are fine, just make out to Doug Hendricks.
72, Doug, KI6DS

From owner-qrp-l@netcom.com Sun May 14 02:24:49 1995
From: rohrwerk@netcom.com (John Seboldt)
Message-Id: <199505140224.TAA23600@netcom2.netcom.com>
Subject: Artificial ground?
Date: Sat, 13 May 1995 19:24:49 -0700 (PDT)

Somebody mentioned the MFJ tuner with a built-in "artifical ground" tuner,

and I've seen their little free-standing item, too.

I'm guessing this is just an L network with an RF current indicator.
Anybody confirm my guess?

: John Seboldt rohrwerk@netcom.com / CW: It don't mean a thing
:   Amateur radio K0JD...   / if it ain't got that swing!
:   Church of the Annunciation,   / Di dah, di dah, di dah, di dah...
:   Minneapolis   /   (sorry, Duke!)

From owner-qrp-l@netcom.com Sun May 14 03:43:07 1995
Date: Sat, 13 May 1995 22:43:07 -0500 (CDT)
From: Adrian Weiss W0RSP English Department <AWEISS@charlie.usd.edu>
Message-Id: <950513224307.27fe8@charlie.usd.edu>
Subject: RE: Artificial ground?

Yes, the MFJH artifical ground is actually an ant.
tuner with r.f voltage indicator. The approach aims
at placing the transmitter at a voltage node away
from actual ground. Technically, the rig is not at
actual ground, but any problems associated with r.f.
on the rig are eliminated.

73, Ade

From owner-qrp-l@netcom.com Sat May 13 18:43:22 1995
From: roy.gregson@usfamily.wa.com (Roy Gregson)
Subject: BACK ON
Date: Sat, 13 May 1995 18:43:22 GMT
Message-Id: <9505131400072303@usfamily.wa.com>

TO Preston Douglas and other QRPers. I'm back from hospital, minus 3/4
of right lung, so am real QRP hi.........Have to go thru relearning
curve on the computer, but in time..... Preston, did not get the other
stuff about Danny, but heard he is off due to corcumstances beyond his
control, and will be back ASAP, when ever that is. So for now that's all
I know. Try the diodes thing and let me know how it works. sounds like a
good idea. Thanks for the info on Dayton, will look forward to even more
info.
73's ROY GREGSON W6EMT

From owner-qrp-l@netcom.com Sat May 13 11:52:11 1995
Date: Sat, 13 May 1995 07:52:11 -0400
From: Robert Penneys <penneys@brahms.udel.edu>
Message-Id: <199505131152.HAA14487@brahms.udel.edu>
Subject: FS: MFJ 9020 complete

I have an MFJ 9020 20 meter QRP rig with the optional CW keyer and audio filter installed. This rig has been debugged and realigned by leading expert and includes the manual. I hate to part with it, but I really have not been using it. A new one is $250, this one is $185 plus a couple bucks to ship.

Thanks, Bob

Bob Penneys, WN3K Frankford Radio Club N.E.R.D.S.
Internet: penneys@brahms.udel.edu Work: Ham Radio Outlet, Delaware

From owner-qrp-l@netcom.com Sun May 14 02:42:55 1995
Message-Id: <9505140242.AA27658@us1rmc.bb.dec.com>
Date: Sat, 13 May 95 22:42:55 EDT
From: Bill Acito 13-May-1995 2239 <acito@asdg.enet.dec.com>
Subject: re: made by MFJ

> "rgobrick@public.compusult.nf.ca" "Robert J. Gobrick"
> wrote:
>
> "I picked up the Vectronics literature at Dayton and darn if the
> the Vectronics VC300DLP dosen't look like a spitting image of the
> Tucker unit (actually the other way around since Vectronics is
> the parent)."

I have the Vectronics VC300M (designed for mobile use. Nice unit, well made, but like Chuck, wish it had a 10 or 3W range, instead of 30 and 300. I even tried to turn it down with the cal pot, but it won't go low enough.

btw, as a follow-up to my earlier comments on MFJ quality, yes, I've been less than pleased, but as someone stated, they do fulfill a needed niche, and I will continue to purchase their products. I just pop the lid and check everything before I hook them up.

:-)

b

. . . . . - I own my own words - . . . . . .

Bill Acito
acito@asdg.enet.dec.com
kc1gs (qrp-ne #260, arrl life)

|d|i|g|i|t|a|l|
Digital Semiconductor - Fab 6
Hudson, MA

From owner-qrp-l@netcom.com Sat May 13 12:12:32 1995
Message-Id: <199505131329.KAA30186@public.compusult.nf.ca>
Date: Sat, 13 May 1995 13:12:32 +0100
From: rgobrick@public.compusult.nf.ca (Robert J. Gobrick)
Subject: Re: made by MFJ.

Chuck,

Just to keep this tread intact I'm appending part of your original message.

I'm going to take a flying guess but from what I can tell the Tucker T-1000 antenna tuner (and a good number of other Tucker branded products) and actually made by Vectronics (A division of Valor Enterprises) in Ohio.

I picked up the Vectronics literature at Dayton and darn if the the Vectronics VC300DLP dosen't look like a spitting image of the Tucker unit (actually the other way around since Vectronics is the parent). I don't know the full history of Vectronics but I believe it is (was) a Canadian company that now seems to be owned by Valor. I don't know the quality of the Vectronic units but I'm sure the healthy competition that they will have with MFJ is bound to benefit us all.

By the way, I will soon have a product review of the new MFJ-934 Antenna tuner which has a built in artificial ground counterpoise tuner integral within the unit. Street price at Dayton was about $130. Stay tuned...

73/72 Bob VO1DRB/WA6ERB

>Bernard, KB2TGH, asks about the Tucker tuners.
>

>I have the Model T-1000. It works well. I opened it up to look at the
>insides and it is quality stuff. I think the price was in the $140 range.
>
>
>I noted at Dayton that all the tuners not MFJ were OEM jobs made by
>same manufacturer. Someone probably has more info that I have on this
>one.
>

>dit dit
>--
>Chuck Adams K5FO CP-60 adams@sgi.com
>

        Bob Gobrick - VO1DRB/WA6ERB/VE2DRB - Newfoundland, Canada
        QRPer Galore - ARCI, GQRP, NORCAL, NEQRP, COQRP, MIQRP, NWQRP

        Internet: rgobrick@public.compusult.nf.ca
                     bgobrick@terra.nlnet.nf.ca

        Compuserve: 70466.1405@compuserve.com

From owner-qrp-l@netcom.com Sat May 13 15:23:07 1995
Date: Sat, 13 May 1995 11:23:07 -0400 (EDT)
From: Jim Stafford-W4QO <w4qo@america.net>
Subject: Re: made by MFJ.
Message-Id: <Pine.SV4.3.91.950513111144.9325B-100000@atl1.america.net>

Mike, You confuse financial success with product quality or cost. MFJ is
very successful because of the austere approach they have taken. Hams are
cheap, cheap, cheap. Just because something is high quality or never
fails does not make it a financial success. Does McDonald's make the best
hamburger? No way, but they are very successful financially. MFJ can't
keep up with demand and they will keep trying in their own "cheap" way to
keep fixing or trading out til they get it right. Many, many satisfied
customers have now made it possible for them to buy/merge Ameritron, etc.
when other manufacturers are having a rough time. I predict that one of
the big three Japanese manufacturers will close their ham market in the
next year, even though they all make good solid gear (I must say however
that almost everyone I know has sent back their big-three HF rigs within
the past 2 or 3 year period for repair, so it is not limited to MFJ.) We
figured up one time the total list of product items MFJ handles (down to

the various TNC cables) and it is in the hundreds. What other company would even think of this? MFJ must be doing something right!

73/72/jim/w4qo
Standard disclaimer applies.

On Thu, 11 May 1995, Michael Marmor wrote:

> > I haven't owned anything by MFJ that I haven't had to either open > > up and shake out spare parts, tighten a screw, or solder a > > missing connection. > > I hate to say it but this is my experience also. Several times I have > had to send things to them for repair. If you thought the build > quality of their equipment was lacking you should try dealing with their > customer service/repair department -- downright AWFUL. They would fix > one thing and break another.... > > I will *never* buy anything MFJ again. The hobby isn't any fun when > everything is broken. > > I have no finantial interest in MFJ (thank god!!!) Just a disgruntled > customer.... nuf said > > Mike, AA2UJ > mmarmor@pluto.njcc.com

>

From owner-qrp-l@netcom.com Sat May 13 20:42:53 1995
Date: Sat, 13 May 1995 16:42:53 -0400 (EDT)
From: prvalko <prvalko@oakland.edu>
Subject: Re: made by MFJ.
Message-Id: <Pine.3.89.9505131652.A21528-0100000@saturn.acs.oakland.edu>

On Sat, 13 May 1995, Robert J. Gobrick wrote:

> Just to keep this tread intact I'm appending part of your original message.

Be careful! Some list.cop will remind you the is qrp-l NOT tuner-l.

> I picked up the Vectronics literature at Dayton and darn if the the
> Vectronics VC300DLP dosen't look like a spitting image of the Tucker unit
> (actually the other way around since Vectronics is the parent).

Well the AEA is the bastard child of one of those two! I had never heard of Vectronics, nor Tucker in 20 years of hamming until last year. I had an AEA/Vectronics/Tucker tuner and it was a miserable design, couldn't load my wire on 160 which any MFJ tuner I've ever tried did without a hitch, and the ERGONOMICS of the controls was pitiful, I hated it from after about 30 minutes of use, wish I'd been able to try it at a

dealer to see how poorly laid out the controls were.

73 =paul= wb8zjl

From owner-qrp-l@netcom.com Sat May 13 21:06:40 1995
From: Michael Marmor <mmarmor@pluto.njcc.com>
Message-Id: <199505132106.RAA23357@pluto.njcc.com>
Subject: Re: made by MFJ.
Date: Sat, 13 May 1995 17:06:40 -0400 (EDT)

>
> Mike, You confuse financial success with product quality or cost. MFJ is
> very successful because of the austere approach they have taken. Hams are
> cheap, cheap, cheap. Just because something is high quality or never
> fails does not make it a financial success. Does McDonald's make the best

I am not confused. I also don't eat at McDonald's for reasons of quality!
Unfortunatly, I am one of the minority that demands quality and is
willing to pay for it. I guess I'm not the "typical American" that MFJ
and McDonalds have targeted as their market niche. MFJ - Caveat Emptor!

Mike Marmor, AA2UJ
mmarmor@pluto.njcc.com

From owner-qrp-l@netcom.com Sat May 13 13:57:17 1995
Message-Id: <199505131514.MAA31338@public.compusult.nf.ca>
Date: Sat, 13 May 1995 14:57:17 +0100
From: rgobrick@public.compusult.nf.ca (Robert J. Gobrick)
Subject: Re: NN1G

Tim and the QRP-L gang,

Tim, if I may, I am going to repeat some of your posting since you bring up
a good point about the new NN1G Mark? rig that appears in the new 1995 ARRL
Handbook.

1. I just pulled out my old NN1G Mark II schematic and compared it with the
new NN1G Mark? design that appears in the 1995 ARRL Handbook. There are
enough important changes made from the old design to the new 95 Handbook
design that I would recommend that anyone building this kit ONLY use the new
1995 ARRL Handbook printed circuit boards from Far Circuits (NN1G 12/94 - TX
and the NN1G 11/94 - RX boards). I think some of the changes that Dave
Benson NN1G made on the 95 Handbook design are critical changes for assuring

a stable unit. My recommendation is to toss any of the old Mark II printed circuit boards that you may have around from an unbuilt NN1G kit and replace them with the new 94 series of Far Circuits' boards.

2. I mentioned in a posting here on the qrp-l list that my recommendation was to call these new 95 handbook boards NN1G Mark IIA. After studying Dave's new design I really think it is now correct to call this the NN1G MARK III kit. The circuit changes that Dave made are significant enough, in my opinion, that Dave should dub this as a MARK III design so builders don't get confused on what they're building and what they are troubleshooting.

3. By the way please don't take this as disparaging remarks against Dave's design - I think this new design will go down as one of the better Rick Littlefield K1BQT interpretations. It is a small and compact implementation of a classic design made for a small portable qrp rig application. I will be building two of these units.

4. Bad news - Dan's Small Parts was the only supplier of the NN1G Mark II kits. Now that Dan's Small Parts may be on an extended holiday there is no supplier for this kit. From what I understand Dave NN1G had no financial connection with Dan on these Mark II kits. That being the case is there any thought of the QRP community approaching Small Wonder Labs and seeing if they (actually Dave is CEO of SWL) would "kit" up the 1995 ARRL Handbook version of the NN1G rig - dub it the NEW NN1G MARK III Compact Single-Band Transceiver. Even though it may look like competition to the SWL-xx single board rigs I think there may be enough interest in the QRP community for Dave to give it a go. If you think this is something you're interested in drop Dave an Email or get his address in the Nov 94 issue of QST.

Disclaimer - I better start doing more often - I have no financial interest in Small Wonder Labs or Dan's Small Parts - just an unpaid "Customer Service Marketing Rep" for the qrp community - hi.

73/72 Bob VO1DRB/WA6ERB

>From Tim Stabler:
>
>Have been reading some comments on NN1G transceivers. I have
>mentioned here that I wanted to get to the one in the 1995 Handbook
>and was going to do it for 20 meters. I now will probably shift to
>30 meters. I guess I am doing it just to see if I can start with
>something like a board and go from there. In other words, no kit!!
>
>I got the boards from FAR and they are great. The boards are silk-
>screened so there is no problem about what goes where.
>
>NOW----if you read the blurb that comes from ARRL on alignment, etc

>of the transceiver, look closely at the printing on the page with the
>receiver board. I do not have the page right here but as I remember,
>the receiver board is dated "11/94" and the transmit board is dated
>"12/94". On the receiver page is the marking "NN1G Transceiver, Mk
>III".
>
>So, as far as I am concerned, the single board rig written up in QST
>in Novmber, 1994, was not the Mark III but is something else.
>
>Dave did respond to my Email and told me what type crystals to get
>and also that his case is for the single board rig, which I got from
>the NE club.
>
>72 & 73 de Tim WB9NLZ
>

Bob Gobrick - VO1DRB/WA6ERB/VE2DRB - Newfoundland, Canada
QRPer Galore - ARCI, GQRP, NORCAL, NEQRP, COQRP, MIQRP, NWQRP

Internet: rgobrick@public.compusult.nf.ca
           bgobrick@terra.nlnet.nf.ca

Compuserve: 70466.1405@compuserve.com

From owner-qrp-l@netcom.com Sun May 14 04:00:25 1995
Date: Sat, 13 May 1995 21:00:25 -0700
Message-Id: <199505140400.VAA21821@mailhost.primenet.com>
From: markem@PrimeNet.Com (Mark Monninger)
Subject: Norcal SSB rig?

Greeting all..

A couple weeks ago there was a posting about an SSB rig from Norcal, I think.
I didn't save it so I'd really appreciate if some one would send me a copy
of the notice. I'm interesting in getting on the list for one if it isn't
too late.

Many thanks.

Mark   AA7TA   email: markem@primenet.com

From owner-qrp-l@netcom.com Sun May 14 00:48:00 1995
Message-Id: <9505140049.AA24099@ig1.att.att.com>
From: mvjf@mvubr.att.com (James M Fitton 508 960 2577)
Date: 13 May 95 20:48:00 -0400
Subject: Novice...

Adam
You say your neighbors have monster TV antennas and
you wonder about HF operation ?
Why dont you get into the cable TV business ?

Dont let all those fancy equipment magazine ads snow you.
Folks here on the net know differently.
You will never find a cheaper, funner way to experiment
with HF, than with QRP. Especially while you are working
towards upgrading your license. Most QRPers are ARRL
members, Extra class, and CW ops.

When I was new,
my first QSO was on an old Heath HW-7 at 1 watt,
using my outside TV antenna lead-in, with no tuner,
on 20m !
When the Lousianna ham I was working heard what I was
using for gear, he suddenly had to "go for supper".
Fellow QRPers never use that old trick on another QRPer.

After that, I was hooked ! I got back into ham radio after
20 years, and seen the light. QRPers have the power !

If you cant make contacts from home, you can take to the woods.
NN1G rigs beg to be taken camping and on picnics.
Also, neighbors dont watch TV real early in the morning.

Read everything you can get your hands on and experiment
with antennas.

You can do it !!!

  72   Jim, W1FMR   QRP-NE   mvjf@mvubr.att.com

From owner-qrp-l@netcom.com Sun May 14 04:48:29 1995

From: N9DD@aol.com
Date: Sun, 14 May 1995 00:48:29 -0400
Message-Id: <950514004743_117995094@aol.com>
Subject: Pixie 2 - "Build it" Rig from Dayton

I finally got around to building the Pixie 2 transceiver that I bought at the Dayton QRP hospitality suite.

Originally, I had planned on entering the 'Build it" contest. I thought I would get a jump on the competition by bring a bunch of parts from home along with me. It was really kind of fun trying to decide what to bring. "Let's see now... it is supposed to be an 80 meter transceiver... What do I bring?..." As it turned out, I did pretty well guessing at what I would need. I was short a couple components though. The toughest was a 2.2 uH choke for the output filter.

When I realized that I really didn't have everything I needed, and also saw that scrounging for the parts at the Dayton flea market was meant to be part of the contest, guilt overcame me and I decided to forget about participating myself. Instead, I grabbed the camera, cheered on the contestants, and still had a ball.

So - now that I've completed my own Pixie 2, how does it work?
None of the rigs completed in the Dayton QRP hospitality suite would receive when completed (I believe they all transmitted OK). I am happy to say that my rig received just fine. The first station I heard with my Pixie 2 was DX! - I put the headphones on, attached the clip lead for +12 volts and heard...
"This is NHK - Radio Japan in Tokyo"
Now, I have no idea what frequency this Short Wave broadcast giant was transmitting on, but it came in loud and clear! I have a feeling though, that they weren't running QRP. If I touched my finger to one of the electrolytics, I could hear a mixture of a couple of local broadcast stations. I tried tapping out a CQ with the wires I had coming from the key connections. The guy in Japan didn't answer. But then, I don't think he was listening on 3.579 MHz.

A couple nights later, I tried the rig again and actually heard some amateur signals. It sounded like bulletins from W1AW. I heard a CQ from another 9th call area station but had no luck raising him.

Has anybody else been able to get their "Build It" Contest rig working? Any QSOs yet? It was a great idea and added lots of fun to my Dayton experience - even if it did take several weeks to get my rig working!

73,

Tom Frisz   N9DD
South Bend, IN

From owner-qrp-l@netcom.com Sat May 13 21:01:08 1995
Message-Id: <9505132101.AA17116@philadelphia.libertynet.org>
Date: Sat, 13 May 1995 17:01:08 -0400
From: adam@libertynet.org (Adam O'Donnell)
Subject: QRP for beginners?

Hello to everybody on the 'Net!

What do you think of HF QRP for the Novii and the Tech+'s?
Will I just be fustraiying myself?
I have no other choice: I have neighbors on either side of me who still
have 30ft beam-length TV antennas.

As for what kind of antenna I am going to put up... well... let's just say we
have a great situation if you want to operate the ghz frequencies (no trees!)
and my neighbors complain about what they call the ugly lightning rod, a.k.a.
ARX-2 2m Ringo Ranger. (Well, it did serve as a lightning rod one faithful
summer night...)

I was thinking about picking up one of those NN1G Mark something-or-other
rigs (the cheap one... You know, the 40-40) to operate with.

What do you think? Should I just stick with VHF and my aspiration to operate
a RS satellite from 7 feet above ground level or should I test the waters with
2 watts of RF and 6 in. pencil lead for an antenna?

72, 73

Adam O'Donnell, N3RCS
Internet: adam@libertynet.org

God is real, unless he is declared as an integer.

-----BEGIN PGP PUBLIC KEY BLOCK-----
Version: 2.6.2

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=JOfv

-----END PGP PUBLIC KEY BLOCK-----

From owner-qrp-l@netcom.com Sat May 13 22:25:58 1995
Date: Sat, 13 May 1995 15:25:58 -0700 (PDT)
From: Steven Wilson <randyw@crl.com>
Subject: Re: QRP for beginners?
Message-Id: <Pine.SUN.3.91.950513151235.29518A-100000@crl2.crl.com>

QRP power does not mean freedom from TVI. A poorly tuned 1 watt xmitter
can cause more TVI than a properly installed KW.

I have and do run both. Both require resonance antenna, proper grounding
and shielding.

Clean up the antenna system first. Use a RF Noise Generator to find
resonance, trim and tune the antenna. Use a good ground rod. Make
sure you have good connections. Watch the length of the ground lines.
Use electrical multi of 1/2 wavelength on the antenna coax. I hv
operated a KW without case with no TVI, but even wiped out my own
set with a mis tunned 2 watt transistor rig.

Some antennas seem to be worst than others. I hv always experienced
more TVI from verticals than horzional types. High power normally
causes more problems with the telephone than QRP, expecially SSB.

GOOD CONNECTIONS - GOOD GROUNDS - TUNED ANTENNA and I think you will
enjoy HF QRP. If you are home brewing - use a 5 pole output filter.
Use a commerical LowPass Filter. If the antenna is tuned correctly
you will not require an antenna tunner. The easy way to tune antennas
is with RF Noise bridges.

Even tho you have done everything correctly you may still have TVI.
Often it is the other fellows equipment. But make sure your own
Set is clean first. I once had a neighbor who had 7 (SEVEN) TV sets
connected to the same antenna. He experienced bad TVI. He was the
only one within 1 mile of my antenna.

Good Luck do not pass up the opportunity to play with HF. Good
engineering practices will let you do so.

de stan ak0b

From owner-qrp-l@netcom.com Sun May 14 00:47:17 1995
Date: Sat, 13 May 1995 18:47:17 -0600
Message-Id: <199505140047.SAA09712@teal.csn.net>
From: bcutter@csn.net (Bob Cutter)
Subject: QRP+ Mic

Following an earlier post on here, I installed a RS PC mount Electret Mike element(270-090) in an old CB Mic. On the air reports with the CB mic, as is, were "muffled" audio. Good reports after the new element was installed using some scrap foam to mount it in the enclosure.

The CB mic was .50 at a swapfest last weekend and the total cost with connector was $3.25.

72, Bob KI0G

From owner-qrp-l@netcom.com Sun May 14 00:55:06 1995
From: adam@philadelphia.libertynet.org (Adam O'Donnell)
Message-Id: <9505140055.AA20456@philadelphia.libertynet.org>
Subject: RF transformer eff.?
Date: Sat, 13 May 1995 20:55:06 -0400 (EDT)

Does anyone know how effecient a handwound RF transformer for impedience matching between stages in a radio?

I was thinking like magnet wire over a toroidal core. Would I have much power loss if I used a transformer to match the 1st mixer in a superhet receiver and the IF filter?

Thanks!
72, 73

--
Adam O'Donnell, N3RCS
Internet: adam@libertynet.org

My parents tell me that I just take up time and space. It's true - I'm into relativity theory.

-----BEGIN PGP PUBLIC KEY BLOCK-----
Version: 2.6.2

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-----END PGP PUBLIC KEY BLOCK-----

From owner-qrp-l@netcom.com Sat May 13 12:14:37 1995
Message-Id: <199505131331.LAA30198@public.compusult.nf.ca>
Date: Sat, 13 May 1995 13:14:37 +0100
From: rgobrick@public.compusult.nf.ca (Robert J. Gobrick)
Subject: Re: Something GOOD about MFJ

qrp-l gang,

Repost - still keep forgetting to fill the cc: column in on posts.

Sorry Bob VO1DRB/WA6ERB

>To: LVE1@inel.gov (Larry East)
>From: rgobrick@public.compusult.nf.ca (Robert J. Gobrick)
>Subject: Re: Something GOOD about MFJ
>
>Larry,
>
>And I'll raise you two bits - hi. Actually what Larry says is a nice service that MFJ provides - I have requested and received a number of the free manuals from MFJ and some of them are really good manuals. The one for the MFJ90xx series is 16 pages and the 9420 SSB rig is 20 pages. Those manuals have lots of operating and tune up information and they include the schematic and parts list - if anything you get to see what the rig really looks like before your purchase it.
>
>I noticed some of their newer manuals are dropping the schematics - I hope it isn't the sign of times that mfgs are dropping schematics from manuals because the "average" ham user wouldnt' know what to do with a schematic.
>
>As a follow-up I noticed Oak Hills Research has schematics etc but no circuit descriptions. That is one area where the club projects have really excelled (NE 4040, NorCal 40 and Sierra). The clubs make sure there is a good circuit tutorial so the ham not only knows how to build the rig but WHAT he is building.
>
>I think we as consumers should stress to the commercial vendors that we'd like to see schematics, part list and circuit descriptions. So the bottom line is that we should let MFJ know that we appreciate the service they provide with free manuals and schematic info. And heck the price is hard to beat even if it gets included in the marketing cost of buying one of their units. And as I mentioned to a few people the ham radio market would be a

dull place without MFJ - they have more do-dad products than imaginable and at reasonable prices.
>
>73/72 Bob VO1DRB/WA6ERB
>
>PS: No I am not a marketing rep for MFJ (or anyone except myself and my family - hi).
>
>>To the QRP-L list: (as per someone's request...)
>>
>>With all the comments about MFJ's poor quality, I just had to get my two
>>bits worth in: They will send you a FREE MANUAL for any of their products,
>>no questions asked. However, most of their manuals are no more than a few
>>sheets of xeroxed paper and some are completely worthless...
>>
>>72, Larry W1HUE/7
>>LVE1@inel.gov
>>
>>   --
>>   "Any opinions expressed herein are my own and probably do
>>   not agree with those of my employer, the U.S. Government
>>   or my spouse"
>>   --...   ...--
>>   Larry V. East (W1HUE)
>>   Idaho National Engineering Laboratory
>>   e-mail: LVE1@inel.gov
>>   voice: (208) 533-4005   fax: (208) 533-4207
>>
>>
>

        Bob Gobrick - VO1DRB/WA6ERB/VE2DRB - Newfoundland, Canada
        QRPer Galore - ARCI, GQRP, NORCAL, NEQRP, COQRP, MIQRP, NWQRP

        Internet: rgobrick@public.compusult.nf.ca
                     bgobrick@terra.nlnet.nf.ca

        Compuserve: 70466.1405@compuserve.com

From owner-qrp-l@netcom.com Sat May 13 23:50:12 1995
Message-Id: <199505140106.WAA09311@public.compusult.nf.ca>
Date: Sun, 14 May 1995 00:50:12 +0100

From: rgobrick@public.compusult.nf.ca (Robert J. Gobrick)
Subject: Re: Something GOOD about MFJ: 249 swr followup

Rick,

So you're back in business. Yes it was interesting that one of the first MFJ manuals that I saw without a schematic included was the MFJ 249. When I got mine I opened it up to see what was inside (actually I think I had to do that to replace the battery - so maybe I was not that curious.) MFJ sourced out the digital display module from Optoelectronics in Fla and I suspect at the time they were worrying about competition to this unit so they didn't publish any circuitry info. As you mentioned it would have been nice to at least have tried to figure out where the smoke went in your unit before you sent it back -hi. But I think the world is changing - I have to admit at times I just don't have the time to figure out where the smoke came from (maybe this is what happened to the Native American population of the North American plains...)

Enough of this qrp chatter on using your MFJ 249 swr/counter to tune your qrp antenna (I was warned that I need to keep the qrp content up in my messages since I meander so much..)

73/72 Bob VO1DRB/WA6ERB

>I thought you might find this interesting. 2 weeks ago I blew up my
>swr/counter by reversing the polarity (it was hard to do, but many things
>are possible at 1 am) I replaced the blown voltage regulator but it only
>half worked (ie the counter was ok) Sent it back to factory (long out of
>warranty). Fax yesterday says I blew the op amp ic as well.
>Part: $2.99 Labour: $40.00. It is on its way back. Will install the
>idiot diode in the "extra" cable I used.
>Never had to send anything back to anybody before (knock on wood) but I
>am pleased with speed and cost in this case. Only thing I am not happy
>about was the lack of schematic and ciruit description.....could likely
>have sorted this out myself (with local help as needed).Granted, it
>depends on how much "time" is worth in these things, doesn't it?
>
>
>Dr. Rick Zabrodski BSc, MD, CCFP(E)   *   VE6GK
>Email: zabrodsk@med.ucalgary.ca   *   NorCal 519 ARCI 7650 GQRP 8329
>Phone 403-271-5123 Fax 403-225-1276   * "Power is no substitute for skill"
>
>
>

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From owner-qrp-l@netcom.com Sun May 14 00:50:55 1995
Date: Sat, 13 May 1995 18:50:55 -0600 (MDT)
From: Rick Zabrodski <zabrodsk@med.ucalgary.ca>
Subject: Re: Something GOOD about MFJ: 249 swr followup
Message-Id: <Pine.SUN.3.91.950513184108.9573B-100000@ume>

I thought you might find this interesting. 2 weeks ago I blew up my swr/counter by reversing the polarity (it was hard to do, but many things are possible at 1 am) I replaced the blown voltage regulator but it only half worked (ie the counter was ok) Sent it back to factory (long out of warranty). Fax yesterday says I blew the op amp ic as well.
Part: $2.99 Labour: $40.00. It is on its way back. Will install the idiot diode in the "extra" cable I used.
Never had to send anything back to anybody before (knock on wood) but I am pleased with speed and cost in this case. Only thing I am not happy about was the lack of schematic and ciruit description.....could likely have sorted this out myself (with local help as needed).Granted, it depends on how much "time" is worth in these things, doesn't it?

Dr. Rick Zabrodski BSc, MD, CCFP(E) * VE6GK
Email: zabrodsk@med.ucalgary.ca * NorCal 519 ARCI 7650 GQRP 8329
Phone 403-271-5123 Fax 403-225-1276 * "Power is no substitute for skill"

From owner-qrp-l@netcom.com Sat May 13 12:18:00 1995
Message-Id: <9505131220.AA26046@ig1.att.att.com>
From: mvjf@mvubr.att.com (James M Fitton 508 960 2577)
Date: 13 May 95 08:18:00 -0400
Subject: RE: Transmatch

Joe,
Nice to hear from you.

An addition to my note about antennas while travelling:

Here are some things/attitudes I try.

Choose a hotel carefully !
In CA, I chose a 2 story hotel with an end room, balcony and
30' tree 15' away.

I use "22 - 24 ga plastic covered wire because it takes too long
to unkink, strip and fool with enamel wire It is hard for me
see and handle.

Nylon fishing line is invisible and cheap and miles of it comes
on a tiny spool. But, dont leave any behind as it can turn
into a cruel snare for birds.

I meant to measure my radiating wire length, but it was determined
experimentally (took about 10 minutes). It is about 50 or 60'.

General QRP antenna rule : THE HIGHER THE BETTER !

I use as many ground points as possible; Aluminum door frame,
A.C. mains ground, and at least 2 ~33' wires run around horizontally
inside and out of the room.

A simple, efficient tuner and indicator are an asset to a good
signal, and equipment flexibility may be important.

Power is no substitute for skill.
Skill comes from experience.
Experience comes from making mistakes.
Mistakes come from trying.
Trying provides experience.
Keep a notebook.

Be aggressive ! Understand the basics, go for simplicity, ease of
set-up, and performance, and expect to have an excellent signal.

72 W1FMR

From owner-qrp-l@netcom.com Sat May 13 12:42:00 1995
Message-Id: <9505131243.AA26909@ig1.att.att.com>

From: mvjf@mvubr.att.com (James M Fitton 508 960 2577)
Date: 13 May 95 08:42:00 -0400
Subject: Tuner Efficiency

I think relative efficiency of tuners, with a given antenna,
 on a given band, can be compared using a sensitive field
strength meter.

Also, I am very familliar with my end fed wire antenna and HB
tuner at home and know what they can do.
If I use another tuner and make lots of contacts; It works.

If I operate portable and make lots of contacts, the system
is good.

  72   Jim, W1FMR   QRP-NE   mvjf@mvubr.att.com

From owner-qrp-l@netcom.com Sat May 13 14:49:08 1995
Date: Sat, 13 May 95 16:49:08 +0200
Message-Id: <9505131449.AA21827@inrete.alpcom.it>
From: ik1tzo@inrete.alpcom.it (Piero Pirrone)
Subject: unsuscribe

unsuscribe qrp-l IK1TZO@inrete.alpcom.it

From owner-qrp-l@netcom.com Sun May 14 00:59:00 1995
Message-Id: <9505140101.AA25782@ig1.att.att.com>
From: mvjf@mvubr.att.com (James M Fitton 508 960 2577)
Date: 13 May 95 20:59:00 -0400
Subject: Welcome

Roy.... Welcome back.   You are very lucky to have 1.25 lungs.
I was born with only 1 functioning lung. The doctor told my
mom he knew a boy who lived until he was 13, with that condition.
Well, I turned 56 yesterday and by all accounts, am still around.
It goes to show you that "Power is no substitute for skill"

All the best, and good health to you !!!

72 Jim, W1FMR QRP-NE mvjf@mvubr.att.com

From owner-qrp-l@netcom.com Sun May 14 03:46:03 1995
Date: Sat, 13 May 1995 23:46:03 -0400
From: Robert Penneys <penneys@brahms.udel.edu>
Message-Id: <199505140346.XAA10046@brahms.udel.edu>
Subject: Wrong price for 20m rig

I mistakenly put the price of a new MFJ-9020 with keyer and audio filter as $150; it's $250. Must been the influence of QRP. Sri, Bob